

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-08-06 13:49:40
Date of Next Testing: 2026-08-05 13:49:40
Product Name: **Piperitone (mixture of enantiomers, predominantly (R)-(-)-form)**
CAS Number: 89-81-6
Specifications & Purity: >94.0%(GC)
Lot #: H2204058
SKU #: **P160623**
Analysis: 094379
Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Specific Rotation [a] _D ²⁰	-60--45 (°)	-50.10°
Purity(GC)	94-100 (%)	95.50%
Refractive index n _D ²⁰	1.483-1.487	1.49
Appearance (P160623)	colorless to dark yellow liquid	colorless to dark yellow liquid
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager